JCO3 Rec'd PCT/PTO 15 APR 2009

Not Yet Assigned

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Art Unit:

Examiner:

HE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Hiel, Clem 10/511,881 Serial No.: Filed: October 19, 2004 CTCPCT001-US Client Docket No.: Customer No.: 35846 **ALUMINUM CONDUCTOR** For:

COMPOSITE CORE REINFORCED CABLE AND METHOD OF

MANUFACTURE

Commissioner for Patents P.O. Box 1450 Alexandra, VA 22313-1450

> TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT WITHIN THREE MONTHS OF FILING DATE OR BEFORE MAILING OF FIRST OFFICE ACTION

Sir:

In accordance with 37 C.F.R. §1.56, the materials listed on the attached form PTO-1449 are being brought to the attention of the Examiner for consideration in connection with the examination of the above-identified patent application.

The information disclosure statement submitted herewith is being filed before the mailing of the first office action in the above-identified application.

The filing of this information disclosure statement shall not be construed to be a representation that a search has been conducted, nor shall it be construed as an admission that the information cited in the statement is, or is considered to be, material to the patentability as defined in 37 C.F.R. §1.56(b).

Enclosed please find copies of the references cited on page three of form PTO-1449. In addition, please find enclosed a copy of the International Search Report received in connection with the PCT application claiming priority to US Provisional Application Serial No. 60/374,879. It is respectfully requested that the Examiner return a copy of the attached form PTO-1449 with initials or other appropriate marks indicating consideration of the cited materials.

Respectfully Submitted,

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The McIntosh Group Kelly de la Torre

Registration No.: 53,677

8000 East Prentice Ave., Suite B-6 Greenwood Village, CO 80111 (303) 689-9560, ext. 11 April 15, 2005

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e through 07/31/2006. OMB 0651-0031 e; U.S. DEPARTMENT OF COMMERCE

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known **Application Number** 10/511,881 Filing Date October 19, 2004 First Named Inventor Hiel, Clem Art Unit Not yet assigned **Examiner Name** Not yet assigned CTCPCT001-US Attorney Docket Number

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ^{2 (I known)}	10/10/0000	0"	Tigures Appear
		^{US-} 2002/0189845-A1	12/19/2002	Gorrell	
		^{US-} 3973385	08/10/1976	Roe	
		^{US-} 6528729-B1	03/04/2003	Kamata	
		^{US-} 5122622	06/16/1992	Reuss	
		^{US-} 4763981	08/16/1988	Wilkins	
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		^{US-} 6568072-B2	05/27/2003	Wilemon	
		^{US-} 3717720	02/20/1973	Spellman	
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		^{US-} 5222173	06/22/1993	Bausch	
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		^{US-} Re. 32374	03/17/1987	Dey	
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		^{US-} 5917977	06/29/1999	Barrett	
		^{US-} 6423808-B1	07/23/2002	Watanabe	

		FORE	IGN PATENT DOCL	JMENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T⁵
		EP0346499B1	05/31/1995	Hagino		
		EP1124235A2	08/16/2001	Goldsworthy		
		EP1168374A2	01/02/2002	Goldsworthy		
		JP1126388A	09/28/1999	Ogata Akimasa		
		WO03/050825A1	06/19/2003	Blucher		

Examiner	Date	
Signature	Considered	

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/08A (08-03)
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 2 of 3

Complete if Known					
Application Number	10/511,881				
Filing Date	October 19, 2004				
First Named Inventor	Hiel, Clem				
Art Unit	Not yet Assigned				
Examiner Name	Not yet Assigned				
Attorney Docket Number	CTCPCT001-US				

				DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (f known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		^{US-} 6447927-B1	09/10/2002	McCullough	
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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T°		
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Attorney Docket Number

Sheet

Examiner

3 of

Examiner Initials* Cite No.1 Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. SUCUMA P. ELLIOT, "HECO puts new composite conductors to the test", Tranmission and Distribution World, June 1, 2003	T ²
Initials* No.1 the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. SUCUMA P. ELLIOT, "HECO puts new composite conductors to the	T ²
Office of Industrial Technologies, "Development of a Composite-Reinforced Aluminum Conductor", December 2001	
Oak Ridge National Laboratory, "Power Grid of the Future", ONRL Review, Vol. 35, No. 2, 2002, web-print	
Alcoa Conductor Products Company, "T&D Conductors; Overhead; Underground; Building Wire", July 1, 1989, pg. 33	

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